

SUPSI-DTI and inspire strengthen cooperation in the field of "intelligent production processes"

The "Dipartimento tecnologie innovative" SUPSI-DTI of the University of Applied Sciences Southern Switzerland SUPSI and the technology transfer platform inspire AG, the strategic partner of ETH Zurich for knowledge and technology transfer in the field of production technology, have decided to cooperate more closely in the field of "intelligent production processes" and to establish a joint research group at the SUPSI site in Manno (TI). This group will deal with applied research and technology transfer to industry and will focus in the near future on "Additive Manufacturing" and "Digitization, Industry 4.0".

Production technology is facing fundamental changes worldwide. New, partly disruptive technologies such as additive manufacturing and digitization in the industrial sector ("Industry 4.0") will lead to revolutionary innovations in production machines, manufacturing processes and industrial products.

The 5 research institutes of SUPSI-DTI deal with teaching and research in the fields of mechanics, materials science, computer science, robotics, data analysis and artificial intelligence.

inspire AG is a "research institution of national importance" recognised by the Swiss Confederation and supported by federal subsidies. Its mission is to transfer the basic technological knowledge in the field of production technology developed in research at ETH Zurich to Swiss industry.

SUPSI-DTI and inspire occupy a leading position in Switzerland in applied research and in knowledge and technology transfer and have already successfully carried out joint technology transfer projects with Swiss industry. In order to better shape the major changes, especially through digitization and the novel additive manufacturing processes, and to support industry with advanced solutions, both institutions have decided to establish a joint research group in the field of "intelligent production processes". This group at the SUPSI-DTI site in Manno (TI) is organisationally integrated into inspire AG and will work closely with the five SUPSI-DTI institutes and the existing inspire research groups in German-speaking Switzerland. Technical and scientific support will be provided jointly by professors from SUPSI-DTI and ETH

Zurich. Prof. Dr. Emanuele Carpanzano, Director of SUPSI-DTI, will be the lead professor of the research group "Intelligent Production Processes".

8005 Zurich, December 18, 2019

inspire AG

A handwritten signature in black ink, appearing to read "Krebsler". The letters are cursive and somewhat stylized.

Dr. J. Krebsler
Geschäftsführer